

L36 18615 (isolated single discrete) near2 (letter or alphabet or character or grapheme) US-PGPUB;  
 USPAT; EPO; JPO; DERWENT; IBM\_TDB 2005/07/05 12:07

L39 2 (isolated single discrete) near2 ( (((speech\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9  
 or phonem\$9 or phonet\$9 or articul\$9 or verbal\$9 or oral\$9 or key\$1word\$1 or command\$1 or dialog\$4 or  
 discours\$4 or conversation\$6) near2 (recogni\$5 or transcri\$7 or spot\$4 )) or ((speech\$2 or voice) adj text) or  
 speech\$1to\$1text or voice\$1to\$1text ) and (natural adj2 language) ) US-PGPUB; USPAT; EPO; JPO;  
 DERWENT; IBM\_TDB 2005/07/05 12:08

L42 1072 136 and (((speech\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or phonem\$9 or  
 phonet\$9 or articul\$9 or verbal\$9 or oral\$9 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or  
 conversation\$6) near2 (recogni\$5 or transcri\$7 or spot\$4 )) or ((speech\$2 or voice) adj text) or  
 speech\$1to\$1text or voice\$1to\$1text ) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM\_TDB  
 2005/07/05 12:16

L43 54 (136).ti,ab. and (((speech\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or phonem\$9 or  
 phonet\$9 or articul\$9 or verbal\$9 or oral\$9 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or  
 conversation\$6) near2 (recogni\$5 or transcri\$7 or spot\$4 )) or ((speech\$2 or voice) adj text) or  
 speech\$1to\$1text or voice\$1to\$1text ) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM\_TDB  
 2005/07/05 12:17

L44 135 136 same (((speech\$9 or voic\$9 or talk\$9 or spoken or locut\$9 or vocal\$9 or phonem\$9 or  
 phonet\$9 or articul\$9 or verbal\$9 or oral\$9 or key\$1word\$1 or command\$1 or dialog\$4 or discours\$4 or  
 conversation\$6) near2 (recogni\$5 or transcri\$7 or spot\$4 )) or ((speech\$2 or voice) adj text) or  
 speech\$1to\$1text or voice\$1to\$1text ) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM\_TDB  
 2005/07/05 12:26

July 5, 2005  
**BRS search**

L40 61 (convert\$4 map\$4) with (trellis or lattice or viterbi or dp or dynamic adj2 programming) with  
 (tree hierarch\$7) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM\_TDB 2005/09/06 14:34  
 BRS

September 6, 2005  
**BRS search**